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TECHSPEC®

Laser Line $\lambda/20$ High Tolerance Right Angle Mirrors



- >99.5% Reflectivity at the Design Wavelength
- ± 15 Arcsecond Angular Tolerance
- High Thermal Stability Substrates

Common Specifications

Physical & Mechanical Properties

Dimensional Tolerance (mm):	+0.00/-0.10	Bevel:	Protective as needed
Clear Aperture (%):	90		

Optical Properties

Surface Flatness (P-V):	$\lambda/20$		
Substrate:	Fused Silica (Corning 7980)	Surface Quality:	20-10
Pyramid Tolerance (arcmin):	± 1	Angle Tolerance (arcsec):	± 15

Technical Information

Products

Surface Flatness (P-V)	Length of Legs (mm)	Coating Specification	Coating	Stock Number	Price	Buy
$\lambda/20$	5.00	$R_{abs} >99.5\%$ @ 266nm @ 45° AOI $R_{avg} >99.5\%$ @ 263 - 268nm @ 45° AOI	Laser Mirror (266nm)	#37-640	₹19,710 Volume Pricing	4 In Stock
$\lambda/20$	10.00	$R_{abs} >99.5\%$ @ 266nm @ 45° AOI $R_{avg} >99.5\%$ @ 263 - 268nm @ 45° AOI	Laser Mirror (266nm)	#37-641	₹21,690 Volume Pricing	3 In Stock
$\lambda/20$	12.50	$R_{abs} >99.5\%$ @ 266nm @ 45° AOI $R_{avg} >99.5\%$ @ 263 - 268nm @ 45° AOI	Laser Mirror (266nm)	#37-642	₹21,870 Volume Pricing	3 In Stock
$\lambda/20$	15.00	$R_{abs} >99.5\%$ @ 266nm @ 45° AOI $R_{avg} >99.5\%$ @ 263 - 268nm @ 45° AOI	Laser Mirror (266nm)	#37-643	₹23,130 Volume Pricing	3 In Stock
$\lambda/20$	20.00	$R_{abs} >99.5\%$ @ 266nm @ 45° AOI $R_{avg} >99.5\%$ @ 263 - 268nm @ 45° AOI	Laser Mirror (266nm)	#37-644	₹24,660 Volume Pricing	5 In Stock
$\lambda/20$	25.00	$R_{abs} >99.5\%$ @ 266nm @ 45° AOI $R_{avg} >99.5\%$ @ 263 - 268nm @ 45° AOI	Laser Mirror (266nm)	#37-645	₹27,720 Volume Pricing	2 In Stock

$\lambda/20$	5.00	$R_{abs} > 99.8\% @ 355\text{nm} @ 45^\circ \text{AOI}$ $R_{avg} > 99.5\% @ 351 - 358\text{nm} @ 45^\circ \text{AOI}$	Laser Mirror (355nm)	#37-646	₹19,710 Volume Pricing	5 In Stock
$\lambda/20$	10.00	$R_{abs} > 99.8\% @ 355\text{nm} @ 45^\circ \text{AOI}$ $R_{avg} > 99.5\% @ 351 - 358\text{nm} @ 45^\circ \text{AOI}$	Laser Mirror (355nm)	#37-647	₹21,690 Volume Pricing	2 In Stock
$\lambda/20$	12.50	$R_{abs} > 99.8\% @ 355\text{nm} @ 45^\circ \text{AOI}$ $R_{avg} > 99.5\% @ 351 - 358\text{nm} @ 45^\circ \text{AOI}$	Laser Mirror (355nm)	#37-648	₹21,870 Volume Pricing	11 In Stock
$\lambda/20$	15.00	$R_{abs} > 99.8\% @ 355\text{nm} @ 45^\circ \text{AOI}$ $R_{avg} > 99.5\% @ 351 - 358\text{nm} @ 45^\circ \text{AOI}$	Laser Mirror (355nm)	#37-649	₹23,130 Volume Pricing	3 In Stock
$\lambda/20$	20.00	$R_{abs} > 99.8\% @ 355\text{nm} @ 45^\circ \text{AOI}$ $R_{avg} > 99.5\% @ 351 - 358\text{nm} @ 45^\circ \text{AOI}$	Laser Mirror (355nm)	#37-650	₹24,660 Volume Pricing	3 In Stock
$\lambda/20$	25.00	$R_{abs} > 99.8\% @ 355\text{nm} @ 45^\circ \text{AOI}$ $R_{avg} > 99.5\% @ 351 - 358\text{nm} @ 45^\circ \text{AOI}$	Laser Mirror (355nm)	#37-651	₹27,720 Volume Pricing	13 In Stock
$\lambda/20$	5.00	$R_{abs} > 99.8\% @ 532\text{nm} @ 45^\circ \text{AOI}$ $R_{avg} > 99.5\% @ 523 - 537\text{nm} @ 45^\circ \text{AOI}$	Laser Mirror (532nm)	#37-652	₹19,710 Volume Pricing	8 In Stock
$\lambda/20$	10.00	$R_{abs} > 99.8\% @ 532\text{nm} @ 45^\circ \text{AOI}$ $R_{avg} > 99.5\% @ 523 - 537\text{nm} @ 45^\circ \text{AOI}$	Laser Mirror (532nm)	#37-653	₹21,690 Volume Pricing	1 In Stock

$\lambda/20$	12.50	$R_{abs} > 99.8\% @ 532nm @ 45^\circ$ AOI $R_{avg} > 99.5\% @ 523 - 537nm @ 45^\circ$ AOI	Laser Mirror (532nm)	#37-654	₹21,870 Volume Pricing	4 In Stock
$\lambda/20$	15.00	$R_{abs} > 99.8\% @ 532nm @ 45^\circ$ AOI $R_{avg} > 99.5\% @ 523 - 537nm @ 45^\circ$ AOI	Laser Mirror (532nm)	#37-655	₹23,130 Volume Pricing	2 In Stock
$\lambda/20$	20.00	$R_{abs} > 99.8\% @ 532nm @ 45^\circ$ AOI $R_{avg} > 99.5\% @ 523 - 537nm @ 45^\circ$ AOI	Laser Mirror (532nm)	#37-656	₹24,660 Volume Pricing	3 In Stock
$\lambda/20$	25.00	$R_{abs} > 99.8\% @ 532nm @ 45^\circ$ AOI $R_{avg} > 99.5\% @ 523 - 537nm @ 45^\circ$ AOI	Laser Mirror (532nm)	#37-657	₹27,720 Volume Pricing	Contact Us
$\lambda/20$	5.00	$R_{abs} > 99.8\% @ 1064nm @ 45^\circ$ AOI $R_{avg} > 99.5\% @ 1046 - 1074nm @ 45^\circ$ AOI	Laser Mirror (1064nm)	#37-658	₹19,710 Volume Pricing	20+ In Stock
$\lambda/20$	10.00	$R_{abs} > 99.8\% @ 1064nm @ 45^\circ$ AOI $R_{avg} > 99.5\% @ 1046 - 1074nm @ 45^\circ$ AOI	Laser Mirror (1064nm)	#37-659	₹21,690 Volume Pricing	5 In Stock
$\lambda/20$	12.50	$R_{abs} > 99.8\% @ 1064nm @ 45^\circ$ AOI $R_{avg} > 99.5\% @ 1046 - 1074nm @ 45^\circ$ AOI	Laser Mirror (1064nm)	#37-661	₹21,870 Volume Pricing	Contact Us
$\lambda/20$	15.00	$R_{abs} > 99.8\% @ 1064nm @ 45^\circ$ AOI $R_{avg} > 99.5\% @ 1046 - 1074nm @ 45^\circ$ AOI	Laser Mirror (1064nm)	#37-662	₹23,130 Volume Pricing	5 In Stock

$\lambda/20$	20.00	$R_{\text{abs}} > 99.8\%$ @ 1064nm @ 45° AOI $R_{\text{avg}} > 99.5\%$ @ 1046 - 1074nm @ 45° AOI	Laser Mirror (1064nm)	#37-664	₹24,660 Volume Pricing	3 In Stock
$\lambda/20$	25.00	$R_{\text{abs}} > 99.8\%$ @ 1064nm @ 45° AOI $R_{\text{avg}} > 99.5\%$ @ 1046 - 1074nm @ 45° AOI	Laser Mirror (1064nm)	#37-665	₹27,720 Volume Pricing	Contact Us



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